DOCUMENT RESUME

ED 385 331 JC 950 405

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TITLE Addressing Needs of Rural Health Care Providers via Distance Learning. Draft.
PUB DATE Jul 95
NOTE 32p.; Paper presented at "Leadership 2000," the Annual International Conference of the League for Innovation in the Community College and the Community College Leadership Program (7th, San Francisco, CA, July 23-26, 1995).
PUB TYPE Reports - Descriptive (141) -- Speeches/Conference Papers (150)

EDRS PRICE MF01/PC02 Plus Postage.
DESCRIPTORS Access to Education; *Associate Degrees; Community Colleges; Curriculum; *Distance Education; Educational Television; Interactive Television; *Physical Therapy Aides; *Program Descriptions; *Telecommunications; Two Year Colleges

ABSTRACT

This document describes a distance learning program designed to meet the needs of rural health care providers. The program allows students to complete an Associate of Applied Science (AS) in the Meramec Physical Therapist Assistant (PTA) program through St. Louis Community College (SLCC). The first section of the document provides a draft of the articulation agreement and program curriculum as approved by the SLCC Board of Trustees. After a PTA job description, the following information is provided: (1) program information; (2) application and admission process; (3) minimum academic admission standards; (4) review/acceptance procedure; (5) registration and retention; (6) program curriculum; (7) course sequence; (8) tentative class schedule; (9) PTA pre-interview form; (10) distance learning in-service training; (11) list of faculty; and (12) information regarding SLCC telelearning services. The document indicates that SLCC is completing a comprehensive $4 million telecommunication system to serve its 3 campuses, College Center, 2 major education centers, and over 50 smaller satellite sites throughout the community, and that the major components of this system include: a fiber optic network; telephone systems; video class/conference facilities; a four channel instructional television service; video satellite distribution; and an interactive voice response system which will permit students and staff to interact with the mainframe computer via telephone. (KP)

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ED 385 331

LEAGUE FOR INNOVATION
Leadership 2000

July 23-26, 1995
San Francisco, California

(7th, San Francisco, CA, July 23-26, 1995)

COMMUNITY COLLABORATION PRESENTATION:

"ADDRESSING NEEDS OF RURAL HEALTH CARE PROVIDERS VIA DISTANCE LEARNING"

Gloria Adeyemi
Bonita Campbell
Walter Clark
Ted Rohr

U.S. DEPARTMENT OF EDUCATION
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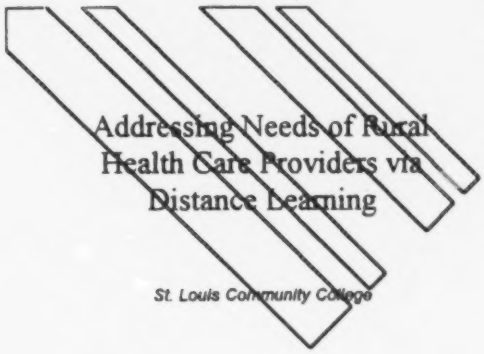
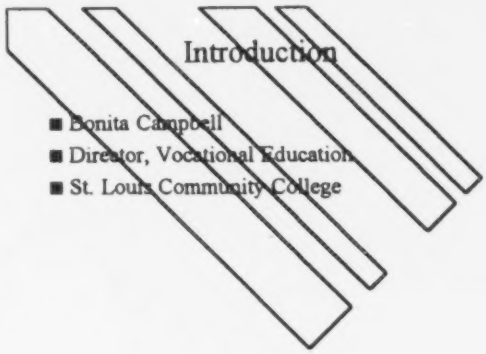
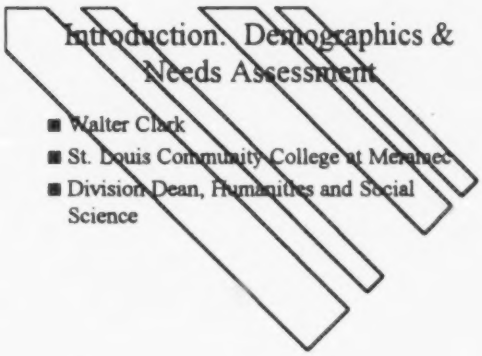
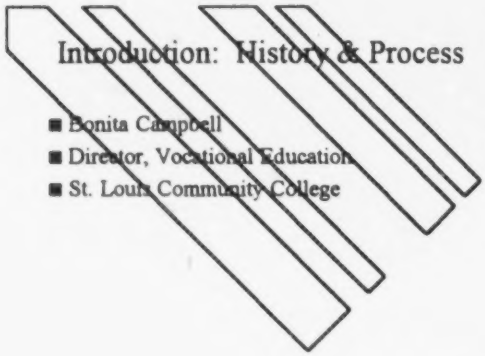

Addressing Needs of Rural Health Care Providers via Distance Learning
St. Louis Community College


Introduction
Bonita Campbell
Director, Vocational Education
St. Louis Community College


Introduction: Demographics & Needs Assessment
Walter Clark
St. Louis Community College at Meramec
Division Dean, Humanities and Social Science


Introduction: History & Process
Bonita Campbell
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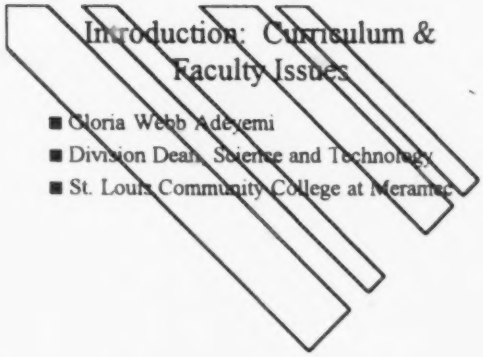
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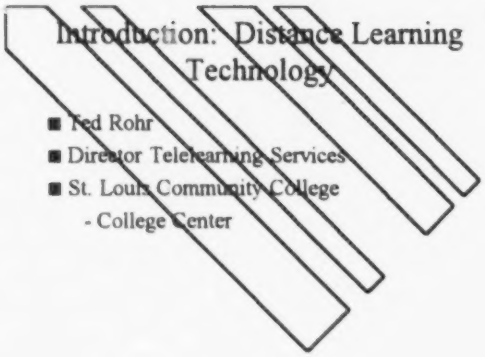
Gloria Webb Adeyemi
Division Dean, Science and Technology
St. Louis Community College at Meramec


Introduction: Distance Learning Technology
Ted Rohr
Director Telelearning Services
St. Louis Community College
- College Center

Demographics: Statewide

	PTA	OTA
Employed 1994	1187	625
Openings 2000	1640	841
New Jobs Annually	45	21
Annual Replacements	10	5
Jobs Open Yearly	55	26

Demographics: St. Louis Metro

	PTA	OTA
Employed 1994	589	312
Openings 2000	795	415
New Jobs Annually	21	10
Annual Replacements	5	3
Jobs Open Yearly	26	13

Demographics: Kansas City Metro

	PTA	OTA
Employed 1994	385	222
Openings 2000	535	312
New Jobs Annually	15	9
Annual Replacements	3	2
Jobs Open Yearly	18	11

Demographics: Rolla Area

	PTA	OTA
Employed 1994	33	1
Openings 2000	48	2
New Jobs Annually	2	-
Annual Replacements	0	-
Jobs Open Yearly	2	-

History & Process

- Bonita Campbell

Agreement: Students

- Academic Advising
- Residency
- Financial Aid
- Program Size
- Program Duration
- Appeals Process

Agreement: Classroom Facilities

- St. Louis Community College
- Rolla Technical Institute

Agreement: Tuition & Fees

- St. Louis Community College
- Rolla Technical Institute
- East Central College

Agreement: Operational Costs St. Louis Community College

- Teaching Faculty
- In-Service Training
- Classroom Installation
- Media & Technical Support
- Student Support Services
- Admissions, Registration & Financial Aid
-

Agreement: Operational Costs Rolla Technical Institute

- Clinical Faculty
- In-Service Training
- Student Support Services
- Telecommunications Costs
- Remote Classroom Facility

Curriculum

- Program Demographics
- Accreditation Requirements
- Curriculum Modifications
- Staffing Needs
- Professional Development
- Present Status

Agreement: Curriculum

- PTA Area of Concentration
  St. Louis Community College
- General Education Core Courses
  East Central College

Planning for Distance Learning

- Observe Technology in Use
- Trial Test of Technology
- Classroom Technology Integration
- Specify and Acquire Classroom System
- Arrange Communications Line

Distance Learning Hardware

- Purchased VTEL 227M $40,000
- Initially: Point-to-Point
- T1 Connection
- Future: Multi-Point

Technology Integration

- VTEL System
- Document Camera
- Demonstration Camera, Ceiling
- Computer & Powerpoint
- VCR
- Video Switch

Addressing Needs of Rural Health Care Providers via Distance Learning

?? QUESTIONS ??

St. Louis Community College

Addressing Needs of Rural Health Care Providers via Distance Learning

THANK YOU

St. Louis Community College

DRAFT

Agreement
between

(participating institution)
and
St. Louis Community College at Meramec

This agreement is to establish the terms of articulation relating to curriculum and student services for any student attending the distance learning program for St. Louis Community College at Meramec Physical Therapist Assistant to complete an Associate of Applied Science degree.

It is understood that each student must complete a minimum of 68 semester credit hours of undergraduate studies including the specific courses as outlined in the Physical Therapist Assistant Curriculum. As indicated on the attached curriculum guide, 40 hours will be through St. Louis Community College - Meramec and 28 may be through East Central College. Fifteen of the last twenty-five hours of credit applicable to the associate degree must be completed at St. Louis Community College or East Central College in accordance with this agreement. After all requirements have been met an associate in applied science degree will be awarded by St. Louis Community College.

In addition, each student must meet the PTA admissions and retention guidelines as outlined in the PTA handbook. All provisions in the St. Louis Community College Student Handbook and Catalog will apply to students in this program.

Students seeking admission are advised to work with the St. Louis Community College at Meramec Physical Therapist Assistant academic advisor in order to remain informed of application status.

Students seeking admission to the distance learning program of PTA to be offered at (participating institution) are to be residents of the (participating institution) service area. The student residency requirement will be certified by (participating institution).

There will be one (1) class of twelve (12) students to be accepted into the program that will begin Fall Semester 1995. Each PTA course will be offered on a one-time only basis. The Admissions and Registration Office will determine the courses that transfer from other accredited post-secondary institutions. If a student admitted and enrolled is unable to continue in the program, St. Louis Community College at Meramec is under no obligation to make special accommodations for the student but will make arrangements for students to continue at the Meramec campus under the provisions described in student handbook.

Clinical sites for the students experience will be under the standard contract of St. Louis Community College.

The electronic classroom at (participating institution) will be provided by (participating institution) per the requirements of St. Louis Community College. Technical assistance will be provided for compatibility with the (participating institution) electronic classroom by St. Louis Community College Telecommunications department.

The program specific equipment required for the instruction of the student will be provided by St. Louis Community College. Any academic appeal concerns regarding the program or courses offered by St. Louis Community College will be handled by the St. Louis

DRAFT

Curriculum as approved by St. Louis Community College Board of Trustees

April 1995
St. Louis Community College - Meramec
Associate in Applied Science
Physical Therapist Assistant

The following curriculum will complete the requirements for the Associate of Applied Science Degree.

Preprofessional education must total 68 semester hours with a GPA of at least 2.25 on a 4.0 scale. All science courses must be completed with a grade of at least 2.0 on a 4.0 scale.

I. General Education - Courses to be offered by East Central College unless otherwise specified.

		29 Credits
ENG:100	Career English or	
ENG:101	College Composition I	3
COM:101	Oral Communications	3
PSY:200	General Psychology	3
PSY:205	Human Growth and Development or	
PSY:203	Child Psychology	3
SOC:201	Aspects of Aging (taught by Meramec)	3
XXX:XXX	Missouri Requirement	3
BIO:207	Anatomy and Physiology I	4
BIO:208	Anatomy and Physiology II	4
BIO:209	Kinesiology (taught by Meramec)	3

II. Physical Education Activity 2

III. Area of Concentration - All courses to be taught by St. Louis Community College at Meramec

		37 credits
PTA:100	Introduction to Physical Therapist Assistant	2
PTA:103	Physical Agents	5
PTA:104	Clinical Experience I	2
PTA:105	Fundamentals of Physical Therapist Assistant	4
PTA:202	Therapeutic Exercise	5
PTA:203	Clinical Experience II	8
PTA:205	Rehabilitation Concepts and Techniques	5
PTA:207	Health and Disease	4
PTA:208	Health Occupations Seminar	2

Program to Total 68 credits

Community College - Meramec Review and Retention Committee. Course work in the program will be evaluated toward meeting graduation requirements by the Admissions/Registration office. Tuition will be charged for courses taught by St. Louis Community College - Meramec at out-of-district rate along with any applicable fees and charges. The (participating institution) will collect all monies for St. Louis Community College courses enrollment on a cost recovery system and St. Louis Community College will invoice for tuition, applicable fees and charges. Any students enrolled in a majority of courses at St. Louis Community College at Meramec will have the availability of financial aid services through the Meramec Financial Aid office. Students enrolled in a majority of courses at another college or university should seek financial aid services through that institution. Any international student issues and regulations will be handled by the Admission Registration office at St. Louis Community College - Meramec.

Other costs and services related to the distance learning program for PTA at (participating institution) will be as follows:

Provided by (participating institution):

- One FTE faculty for program facilitator, development of and supervision of clinical sites (To be approved by SLCC PTA faculty)
- In-Services expenses (provided by SLCC-M, paid by (participating institution))
- Student Support Services - Assessment, Counseling, Placement
- Telecommunication costs, including line charges

SLCC will provide:

- Faculty teaching courses
- Camera operation/technician
- Production of instructional materials
- Student Support Services - Academic Advising, Admissions & Registration, Financial Aid

It is further agreed that St. Louis Community College - Meramec and (participating institution) may list this program in their respective catalog for the duration of the class.

Signed and agreed:

(participating institution)

Name _____
Superintendent of Schools

Position _____

Date _____

St. Louis Community College

Name _____
Chancellor

Position _____

Date _____

ROLLA TECHNICAL INSTITUTE

And

ST. LOUIS COMMUNITY COLLEGE

At MERAMEC

DISTANCE LEARNING

PTA PROGRAM

FALL 1995

ROLLA TECHNICAL INSTITUTE And ST. LOUIS COMMUNITY COLLEGE-MERAMEC

DISTANCE LEARNING

PHYSICAL THERAPIST ASSISTANT (PTA) PROGRAM

FALL 1995

For More Information

ST. LOUIS COMMUNITY COLLEGE-MERAMEC

DIRECTOR And ASSOCIATE PROFESSOR, PTA Program	Dorothy Shelton	984-7385
ASSISTANT PROFESSOR, PTA	Mary Christman	984-7591
SECRETARY To PTA Staff	Robin Howard	984-7366
ACADEMIC ADVISORS, PTA	Cynthia Cates	984-7575
	Carol Leach	"
	Kathie Price	"
	Kathy Schneider	"
	Leslie Yard	"
ADMISSIONS OFFICE		984-7601
ADMISSIONS	June Immken	984-7602
ASSESSMENT OFFICE		984-7358
ACCESS OFFICE, disAbility Support Services		984-7673
FINANCIAL AID		984-7650
TDD - ADMISSIONS/ RECORDS/ FINANCIAL AID . . .		984-7800
TDD - ACCESS OFFICE, disAbility Support Services . .		984-7127

ROLLA TECHNICAL INSTITUTE (RTI)

1304 East Tenth Street
Rolla, MO 65401

Hours: M-F, 8 a.m - 4:30 p.m.

314-364-3726
314-364-0767 FAX

St. Louis Community College
At MERAMEC (SLCC-M)
11333 Big Bend Boulevard
St. Louis, MO 63122

Admissions Office Hours:
M-Th, 7:30 a.m. - 9 p.m.
F, 7:30 a.m. - 5 p.m.

314-984-7500
314-984-7800 TDD
314-984-7117 FAX

5/95

PHYSICAL THERAPIST ASSISTANT

The field of Physical Therapy involves the rehabilitation of patients with various disorders, disabilities, and injuries. Through the use of special therapeutic techniques and equipment, the Physical Therapist Assistant works under the supervision of licensed Physical Therapists in helping patients learn to lead useful and productive lives.

Physical Therapist Assistants have a variety of duties. They may help the Physical Therapist evaluate the capabilities of individuals to determine the best type of therapy. They also may administer different kinds of treatment, including heat, cold, ultra-sound and massage.

Physical Therapist Assistants also help patients perform exercises which increase strength and improve ability to move. Assisting patients in everyday activities, such as walking and climbing stairs, is part of the duties of Physical Therapist Assistants. In addition, Assistants are responsible for setting up and caring for therapy equipment, transporting and positioning patients for treatment, and instructing patients in the use of artificial limbs, braces and crutches.

Graduates of this program are employed by hospitals, rehabilitation centers, out-patient clinics, nursing homes, home health services and schools. Duties may vary, depending upon the type of institution and the number of therapists and assistants employed.

As with all health care jobs, Physical Therapist Assistants are at some risk for exposure to infectious disease during clinical practice.

You would enjoy being a Physical Therapist Assistant if you answer "Yes" to the following questions:

Do you relate well to people ?

Are you in good physical health ?

Do you enjoy physical activity ?

Can you instruct others ?

Do you have sound judgment and emotional stability ?

Are you dependable ?

Are you patient and sympathetic ?

PROGRAM INFORMATION

The PTA program requires two full academic years and the intervening summer to complete. During the first year students take general education and required courses, as well as the first PTA course. Students who have already completed a portion of the coursework described for the first year may not need to be full-time students. Once admitted to the Program, science and professional courses must be taken, as outlined, in the proper sequence and within the prescribed time frame.

The intervening summer and second year of the PTA program is a full-time concentration of professional coursework and full-time clinical assignments. This portion of the program cannot be completed on a part-time basis. Students on clinical affiliation are required to follow the schedule of the affiliating institution during their assigned placements.

Several of the PTA courses are taught by clinicians active in the field. Additionally, equipment required for specific coursework must be utilized in the clinical setting. Because of these factors, SCHEDULING OF MANY OF THE PROFESSIONAL COURSES IS FREQUENTLY IN THE LATE AFTERNOON OR EVENING HOURS. See the tentative class schedule on Page 9.

Because of the heavy academic and clinical load, students should not anticipate holding full-time jobs while enrolled in the Program.

Curriculum and Student Services of Distance Learning Program

The Distance Learning Agreement between Rolla Technical Institute and St. Louis Community College establishes the Associate in Applied Science Degree for Physical Therapist Assistant to serve the residents of the RTI Service Area. This SLCC program offered at the Meramec campus will be extended, as currently recognized, approved and accredited. One class of twelve students will be conducted from Fall 1995 through Spring 1997, while regular class size will be maintained at Meramec. SLCC-M will offer all technical courses through distance delivery, will select and supervise PTA adjunct instructors located at Rolla, and assure all quality of the curriculum and Program. General education will be available through SLCC or East Central Community College, and combined coursework through ECCC and SLCC will constitute courses in residency.

Each student must complete a minimum of 68 semester credit hours of undergraduate studies, including the specific courses outlined in the Physical Therapist Assistant curriculum. Fifteen of the last twenty-five hours of credits applicable to the Associate Degree must be completed at St. Louis Community College or East Central College. After all requirements have been met, an Associate in Applied Science degree will be awarded.

In addition, each student must meet the PTA admissions and retention guidelines as outlined here and in the PTA handbook. All provisions in the St. Louis Community College Admissions Guidelines, Student Handbook and Catalog will apply to students in this program.

Students seeking admission are advised to work with the St. Louis Community College at Meramec Physical Therapist Assistant academic advisors in order to remain informed of application status.

Students seeking admission to the distance learning program of PTA to be offered at Rolla Technical Institute are to be residents of the Rolla Technical Institute service area. The student residency requirement will be certified by Rolla Technical Institute.

There will be one (1) class of twelve (12) students accepted into the program that will begin in the Fall Semester 1995. Each PTA course will be offered on a one-time-only basis. The Admissions and Registration Office will determine the courses that transfer from other accredited postsecondary institutions. If a student admitted and enrolled is unable to continue in the program, St. Louis Community College at Meramec is under no obligation to make special accommodations for the student but will make arrangements for the student to continue at the Meramec campus under the provisions described in the student handbook.

Clinical sites for the students' experience will be under the standard contract of St. Louis Community College.

Costs

Tuition at St. Louis Community College Meramec is $53.00 per credit hour plus any applicable fees and charges. Rolla Technical Institute's tuition and fees are described in a separate sheet.

APPLICATION AND ADMISSION PROCESS

How Do I Get In?

Physical Therapist Assistant is a college-level program. To be admitted, applicants must demonstrate through placement test scores or coursework, that they are academically prepared to enroll in ENG:101 - College Level Composition I; MTH:140 - Intermediate Algebra; and RDG:100 - College Reading and Study Skills.

Admission to the PTA program is on a first-come, first-served basis for those students who meet the minimum academic and other requirements. Placement on the waiting list for review by the Review and Retention Committee occurs when an applicant completes all requirements for admission and submits the PTA program request form. The date that this occurs will determine the order in which qualified students are accepted for the PTA program.

How long do I have to meet all the academic requirements?

Files completed between May 30 through July 7, 1995 will be reviewed by the Review and Retention Committee. Files completed after July 7, 1995 will not be reviewed.

On the following page is the "PTA File Completion Checklist." This is your guide to completing the admission process and your file for placement on the waiting list for the Meramec/RTI PTA program.

ARMY

Students who have completed the Army Physical Therapist Specialist Program and who are interested in the Army Transition Program can request information and clinical evaluation forms from the Admissions Office at 984-7602. There are limits on the number of students that may enter this program.

ACCESS OFFICE - disABILITY SUPPORT SERVICES

St. Louis Community College at Meramec offers services to students with documented physical, visual, hearing, learning or psychiatric disabilities. Students can request services from the Access Office from the moment of enrollment through students' college experience, as long as disabilities remain documented.

To Use These Services

Before the College can provide services, students must provide appropriate documentation of disability; accommodations are based on this documentation. If students think they might have a disability, they may contact Access personnel to learn about the procedure for disability diagnosis.

When requesting services, students should submit documentation of disability and request for services at least two weeks prior to the time service is needed. An appointment with an Access Counselor is necessary. For more information call 984-7673 or 984-7127 (TDD).

Office hours: Monday - Friday, 8:00 a.m. - 4:30 p.m.
Monday and Thursday evenings, 6:00 - 8:00

PTA FILE COMPLETION CHECKLIST FOR RTI AND SLCC-M

Students must have successfully completed all requirements listed below prior to completing and submitting the Physical Therapist Assistant request form. All items listed below must be submitted to Meramec in person, by mail, or by fax, with the exception of items 2, and 3a and 3b, i.e., the RTI application form must be sent to RTI and transcripts from high school or colleges must be mailed directly from those institutions to the Meramec Admissions Office.

_____ 1. **Application form** for admission to SLCC-Meramec

_____ 2. **Application form** for RTI -- send to RTI

_____ 3. **Regular Student Status**

_____ a) **Official College Transcripts** - An official transcript from each college attended must be sent directly from the college attended to the Admissions Office at Meramec. **Hand-carried or faxed transcripts will not be accepted.**

OR

_____ b) **High School Transcript** - High school graduates (with fewer than 15 college hours) must request a final high school transcript (which includes the graduation date) be sent directly from the high school to the Admissions Office at Meramec.

OR

_____ c) **High School Equivalency Certificate (GED)**

_____ 4. **Minimum cumulative GPA of 2.5** (high school), **or 2.25** (college).

_____ a. **High School applicants** (those with fewer than 15 hours of college credit): **2.5 GPA in high school**

_____ b. **GED applicant: 2.25 GPA for 15 or more hours of college credit.**

_____ c. **College applicant** (those with 15 or more hours of college credit at SLCC): **2.25 GPA for all college credit at SLCC.**

_____ d. **College applicant** (those with fewer than 15 SLCC college credit hours:) **2.25 GPA for college credit at all institutions attended**.

(NOTE: developmental courses will not be counted as college credit hours or included in the GPA)

_____ 5. **Pass Placement Testing**

_____ a. Appropriate placement test scores in Reading, English and Math at Meramec within the last three (3) years

OR

_____ b. Complete course work in ENG:030, RDG:030 and MTH:007 (or higher level) with a "C" grade or higher.

_____ 6. **Complete the Prerequisite to BIO:207** - Anatomy and Physiology I, within the last five (5) years, with a "C" grade or higher. (BIO:207, BIO:208, or the equivalent, is also acceptable.) - Prerequisite is: (a) BIO:111 or (b) one year of high school Biology and Chemistry (with labs).

_____ 7. **Complete the PTA Pre Interview Form.**

_____ 8. **WHEN THE ABOVE CRITERIA HAVE BEEN MET, STUDENTS MUST SUBMIT THE PTA REQUEST FORM.**

The deadline for all above items is July 7, 1995

MINIMUM ACADEMIC ADMISSION STANDARDS

What are the admission standards?

Certain academic standards must be met to be accepted, which are:

1. Passing the Meramec Placement tests.

Applicants to the Physical Therapist Assistant Program are required to complete placement testing in Reading, Writing and Mathematics. (Exemptions are limited to students who can document a grade "C" or better in ENG:030, MTH:007 and/or RDG:030, or the equivalent courses from another college or university.)

Candidates' test scores will be honored for three (3) years; thereafter, the students will be required to meet admission standards by retesting or completion of appropriate coursework.

Generally, the placement test may not be retaken. However, if in the opinion of an academic advisor, counselor, or department chair, a retest is warranted, a candidate may be granted written permission for one retake.

If you have any questions regarding the test, please call one of the academic advisors who deal with the PTA program, at 984-7575.

2. Meeting the minimum GPA requirements given below.

Applicants without college work: High school GPA of 2.5 (preferably including math and science courses).

Applicants with college work: A GPA of at least 2.25 or higher in at least 15 hours of college credit for PTA. Transfer hours will be included in GPA calculations. Developmental coursework will not count toward the 15 hours nor be calculated in the GPA for admission to the Program.

3. Completing the Biology prerequisite for Anatomy and Physiology I.

Applicants must have completed the prerequisite to BIO:207, Anatomy and Physiology I, within the last five (5) years, with a "C" grade or higher. (BIO:207, BIO:208 or the equivalent is also acceptable.) - Prerequisite is: (a) BIO:111 or (b) one year of high school Biology AND Chemistry (with labs).

REVIEW / ACCEPTANCE PROCEDURE

The Review and Retention Committee admits applicants to the PTA program. This committee is composed of an associate dean, a member of the admissions department, the director of the PTA program, two academic advisors, and three college instructors.

In July, the Committee will consider applicants in the order of the dates the PTA requests are received by the Admissions Office. The first 12 PTA applicants meeting the requirements will be accepted into the Program. The remaining students who meet the admission requirements will be considered as alternates for admission to the Program, if openings occur. ALL ACCEPTED STUDENTS MUST STILL MEET THE ADMISSION REQUIREMENTS AT THE TIME THEY ACTUALLY ENTER THE PROGRAM. It is the students' responsibility to continue to be qualified to enter the Program.

Those students not admitted to a program are encouraged to contact the Office of Academic Advising if they are unclear about the reason for rejection, or to determine what actions might be taken to assist them with alternate career plans.

Can I appeal?

Students who feel that special circumstances exist for failure to meet particular criteria should present these circumstances in writing to the Chairperson of the Review and Retention Committee.

REGISTRATION AND RETENTION

When and how do I register?

Students accepted in the Summer will be scheduled for a group registration for the following Fall. Each student must enroll and pay all fees by an August deadline. Failure to register and pay fees will result in losing a place in the Program and being replaced by an alternate.

Financial Aid - How do I get it?

Students enrolled in a majority of courses at St Louis Community College-Meramec will have the availability of financial aid services through the Meramec Financial Aid Office. Students enrolled in a majority of courses at another college or university should seek financial aid services through that institution.

For detailed information on financial aid, please refer to the St. Louis Community College Financial Aid brochure available from the Meramec Student Aid Office (Clark Hall 133, 314/984-7650).

Any special fees or other requirements for the program?

Professional Attire

Students will be required to purchase professional uniforms for clinicals. The specific requirements are listed in the Student Handbook for the PTA program.

Insurance Requirements

A fee for professional liability insurance will be assessed for semesters that include clinical work. This insurance, as well as health insurance, is required by affiliating clinical facilities. If a student does not have current health insurance, a policy can be purchased through St. Louis Community College-Meramec. Insurance brochures are available from the Meramec Health Services or at Rolla Technical Institute.

Retention Policy - What is required to stay in the program?

The following are general guidelines. More specific guidelines are given to admitted students in the PTA Students' Handbook.

1. A GPA of 2.0 is required throughout the PTA program.

2. **Students receiving a grade of "D" or below in any course titled PTA or BIO must repeat that course in its PROPER SEQUENCE. These students will NOT continue in the program until the course has been repeated and a grade of "C" or above has been achieved. NO COURSE MAY BE REPEATED MORE THAN ONCE.**

3. Students are required to pass all written and practical components of each course.

4. Students are required to satisfactorily complete all aspects of the clinical program.

5. Students who voluntarily leave the Program during a semester due to academic or personal reasons may be readmitted to the appropriate semester at the Meramec campus **only if they left the Program in good standing and there is space available in the class for clinical and lab work**. St. Louis Community College is under no obligation to make special accommodations for these students.

6. Students are required to follow the guidelines of professional and ethical conduct, as outlined by the American Physical Therapy Association (APTA).

7. The PTA program must be completed in the time and program sequence described. Kinesiology (BIO:209) and Health and Disease (PTA:207) cannot be taken more than a semester ahead of students' normal progression in the Program.

SLCC-M / RTI

ASSOCIATE IN APPLIED SCIENCE

PHYSICAL THERAPIST ASSISTANT

The following curriculum will complete the requirements for the Associate in Applied Science Degree.

Coursework taken for admission to the Program must be completed with a GPA of at least 2.25 on a 4.0 scale. All science courses must be completed with a grade of at least 2.0 on a 4.0 scale. A cumulative GPA of 2.0 is required for graduation from the Program.

I. General Education - Courses to be offered by East Central College, unless otherwise specified:

ENG:100	Career English OR
ENG:101	College Composition I
COM:101	Oral Communications
PSY:200	General Psychology
PSY:205	Human Growth and Development OR
PSY:203	Child Psychology
SOC:201	Aspects of Aging (taught by Meramec)
XXX:XXX	Missouri Requirement
BIO:207	Anatomy and Physiology I
BIO:208	Anatomy and Physiology II
BIO:209	Kinesiology (taught by Meramec)

II. Physical Education Activity

III. Area of Concentration - All courses to be taught by St. Louis Community College at Meramec

PTA:100	Intro to Physical Therapist Assistant
PTA:103	Physical Agents
PTA:104	Clinical Experience I
PTA:105	Fund of Physical Therapist Assistant
PTA:202	Therapeutic Exercise
PTA:203	Clinical Experience II
PTA:205	Rehabilitation Concepts and Technology
PTA:207	Health and Disease
PTA:208	Health Occupations Seminar

SEQUENCE IN WHICH COURSES ARE TO BE TAKEN

Curriculum	Credit Hours
Prerequisite: BIO:111	4

First Semester (Fall)		Credit Hours
BIO:207	Anatomy and Physiology I	4
COM:101	Oral Communications	3
PSY:200	General Psychology	3
PTA:100	Introduction to PTA	2
PSY:205	Human Growth & Development	3
PE:XXX	Physical Education Requirement	1
	TOTAL CREDITS	16

Second Semester (Spring)		Credit Hours
BIO:208	Anatomy and Physiology II	4
BIO:209	Kinesiology**	3
SOC:201	Aspects of Aging	3
ENG:xxx	English Requirement	3
Missouri	Requirement	3
PE:xxx	Physical Education Requirement	1
	TOTAL CREDITS	17

Summer		Credit Hours
PTA:105	Fundamentals of PTA I	4

Third Semester (Fall)		Credit Hours
PTA:103	Physical Agents	5
PTA:201	Rehab. Concepts & Techniques	5
PTA:207	Health & Disease**	4
PTA:104	Clinical Experience I*	2
	TOTAL CREDITS	16

Fourth Semester (Spring)		Credit Hours
PTA:202	Therapeutic Exercise	5
PTA:208	Health Occupation Seminar	2
PTA:203	Clinical Experience II* (through interim - 12 weeks)	8
	TOTAL CREDITS	15

TOTAL CREDIT HOURS - 72 (including BIO:111)

* Clinical experience may involve time in the clinics when school is not normally in session. Students may be assigned to out-of-town facilities and will be responsible for expenses involved in this aspect of the training.

** These course may not be taken more than 1 semester early.

TENTATIVE CLASS SCHEDULE

FALL 1995	Introduction to PTA	T	4 - 6 p.m.
SPRING 1996	Kinesiology	M and W	4 - 6 p.m.
	Aspects of Aging	M and W	6 - 7:30 p.m.
SUMMER 1996	Fundamentals of PTA I	M, T, Th	5 - 8:30 p.m.
FALL 1996	Physical Agents	M and W	4 - 5:30 p.m.
	Rehab. Concepts & Techniques	T and Th	4 - 7:30 p.m.
	Health & Disease	T and Th	2 - 3:30 p.m.
SPRING 1997	Therapeutic Exercise	M through F	8 a.m. - 12:30 p.m.

PHYSICAL THERAPIST ASSISTANT

PRE-INTERVIEW FORM

Student Name:_____ Date:_____

Student Number: _____ Phone Number:_____

I. Why are you interested in the PTA program?

II. What do you know about or what have you experienced in the field of Physical Therapy?

III. Do you understand that this is not the first portion of a bachelor's degree in Physical Therapy?

IV. Are you aware of the requirements for acceptance into the Program? Have you spoken with an academic advisor about the Program?

V. Questions and comments.

THIS FORM IS TO BE RETURNED TO THE MERAMEC ADMISSIONS OFFICE AS PART OF YOUR COMPLETED FILE.

Distance Learning In-Service Training

1. Introduction (fifteen minutes)

Objectives: 1. To acquaint the audience with presenters of the training sessions and with the agenda of the sessions

A. Introduction of the Presenters (Linda and Paul)
their educational backgrounds, responsibilities on campus, their roles in this training session

B. Training session
detailed list of the events and activities planned

Instructional Design (hour and fifteen minutes)

Objectives: 1. To provide the audience with a basic knowledge of instructional design so that the OTA/PTA instructors can apply instructional principles to their course development.
2. To facilitate better communication and interaction with the Media Services team by providing a common approach
3. Apply relevant teaching examples to reinforce ID concepts

A. Explanation of Instructional Design
definition, terminology

B. Systematic Approach
explanation of instructional model as a whole and then each individual component
1. Assess learning needs
2. Select topics and general purposed to address
3. Identify learner characteristics
4. Identify subject content
5. State learning objectives

6. Pretest to evaluate learners
7. Select teaching/learning methods
8. Select resources, including media
9. Identify support services and resources
10. Implement lesson
11. Evaluate/Assess outcomes

C. Basic questions leading to Instructional Design
   1. Whom (learners)
   2. What to learn (Objectives)
   3. How to learn it (methods)
   4. Has learning been achieved (evaluation)

D. Applying basic questions to OTA/PTA training situations
   course outlines, examples

II. Instructional Television (one hour)

Objectives: 1. Provide an overview of how instructional television can be used effectively.
2. To identify the components specific to the Meramec-Rolla Technical Institute television system

A. Television Delivery systems vs. traditional
   1. Communications model
   2. Feedback and Logistics

B. Components
   1. at Meramec
   2. at Rolla Technical Institute
   3. Linkage

III. Distance Teaching (four hours)

Objectives: 1. To provide guidelines, tips and information in preparing for, teaching and assessing distance teaching on the telecommunications system.
2. To provide procedures and forms for the integration of computer-generated text and visuals on the system.

3. *To provide hands-on experience using the controls and components of the system*
4. *To provide opportunity to experience a mock class teaching situation.*

A. Preparation
   1. Lectures and discussions
      a. Computer generated (Powerpoint)
         1. Format
         2. Providing material to secretary
      b. Hand prepared
         1. Format
      c. Spontaneous
         1. Format
   2. Demonstrations **(Time permitting)**
      a. Live
   3. Resources/Instructional Materials **(Time permitting)**
      a. Commercial
         1. How to acquire
      b. Locally produced
         1. How to acquire
   4. Facilities **(Time permitting)**
      a. Room layout
      b. Equipment confirmation
   5. Testing and Assessment **(Time permitting)**
      a. Prepared

B. Delivery **(Time permitting)**
   1. Technical concerns
      a. Familiarity with switcher and controls
      b. Microphone placement
      c. Back up support
   2. Showmanship/Teaching Style (teaching for the camera)
      a. "The Real View"
      b. Dress
      c. Positioning
      d. Gestures, voice and articulation
   3. Back-up plans
   4. Back up Resources

C. Review and Feedback **(Time permitting)**
   1. Recording session
   2. Students comments

St. Louis Community College

Gwendolyn W. Stephenson, Chancellor, St. Louis Community College
Patricia C. Donohue, Vice Chancellor for Education
Richard A. Black, President, St. Louis Community College, Meramec
Theordore V. Rohr, Director, Telelearning Services
Bonita K. Campbell, District Director, Vocational-Education
Jean DeGrand Campbell, Associate Dean, Admission, Registration & Financial Aid
Ray Eberle-Mayse, Coordinator, Assessment and Placement
Walter E. Clark, Associate Dean, Humanities and Social Sciences
Gloria Webb Adeyemi, Associate Dean, Science and Technology
Dorothy Shelton, Program Director, PTA
Mary Christman, Assistant Professor, PTA
Linda R. Smith, Administrative Secretary, Science and Technology
Paul Talaski, Manager, Media Services
Linda Barkman, Instructional Designer, Media
Leslie Yard, Academic Advisor
Angela Davis, Financial Aid Specialist
June Immken, Student Admissions/Registration Assistant II
Cheryl McCrary, Coordinator of Admissions
Kathleen Price, Academic Advisor
Jean Gleason, Administrative Secretary

Rolla Technical Institute

Robert Chapman, Director, Rolla Technical Institute
Maurita Miller, Professional Development Chair
Christie Stockton, Director, Rehabilitation Services, Phelps County Regional Medical Center

East Central College

Dale Gibson, President
William Kennedy, Dean of Instruction
Jackie Hartz, Department Chairperson, Nursing
Faye Fullterton, Director of Counseling
Ina "Cookie" Hayes, Educational Advisor

St. Louis Community College
300 South Broadway
St. Louis, Missouri 63102

Telelearning Services

March 6, 1995
Dr. Ted Rohr, Director
Telelearning Services
314-539-5056

ST. LOUIS COMMUNITY COLLEGE
TELELEARNING SERVICES

St. Louis Community College is a multi-campus institution serving more than 32,000 credit students in transfer and career programs each semester and another 70,000 continuing education and non-credit students each calendar year. Its facilities consist of three campuses, a College Center, two major education centers, and over 50 smaller satellite sites throughout the community. The College is committed to the use of technology in the delivery and support of instructional and training programs.

TELECOMMUNICATIONS TECHNOLOGY SYSTEMS

The College is completing a comprehensive telecommunications system that supports the instructional, training, student and administrative services of the institution. The telecommunications systems was constructed with funds secured through a $4 million bond sale. A description of the major components of this system, as illustrated on page 3, follows:

Fiber Optic Network

The College installed a 70-mile fiber optic network connecting the College Center with the three campuses. The network carries all internal voice communications, mainframe data communications and two channels of two-way, full-motion video between the College Center and the campuses.

Telephone Systems

The College campuses were completely rewired for current and future voice applications. New Northern Telecom digital telephone switches, voice mail and instruments were installed at the campuses and the College Center. This system includes the use of data modules supporting communications from PC to PC, PC to mainframe, and PC to external databases through the digital switches.

Video Class/Conference Facilities

Each campus and the College Center is equipped with a video conference room and electronic classroom. These facilities support video conferencing between any two or all four locations, simultaneously. The electronic classroom allow for fully (audio and video) interactive classes taught from one location to be offered at multiple locations throughout St. Louis Community College.

Instructional Television Fixed Service (ITFS)

The College maintains and operates four channels of ITFS. This provides the College the opportunity to deliver interactive programming to education centers and other satellite centers in which the delivery of training and instruction serves the needs of the citizens of St. Louis city and St. Louis county, Missouri.

Video/Satellite Distribution

The master video control center serves as the hub for the video distribution network, and is located at the College Center. Connected to the hub are the four electronic classrooms, four video conference rooms, two satellite downlinks, a KU band satellite uplink, a four channel ITFS (Instructional Television Fixed Service) distribution system and a feed to the Higher Education Channel. All video switching, remote downlink and uplink controls and ITFS and cable distribution occurs from the master video control center.

Interactive Voice Response (IVR) System

The final phase of the telecommunications system includes the installation of IVR System. This system will permit students and staff to interact with the mainframe computer via telephone to enter and access grades, register for classes, pay fees via credit card, etc.

TELELEARNING PROGRAMS

The College actively pursues the use of telecommunications technology to support the needs of the distance learner. These services and programs are provided via a variety of technologies.

Telecourses

The St. Louis Community College offers about forty (40) telecourses annually enrolling over five thousand five hundred (5,500) students. Telecourses are aired via KETC Channel 9 and the Higher Education Channel.

Teleclasses

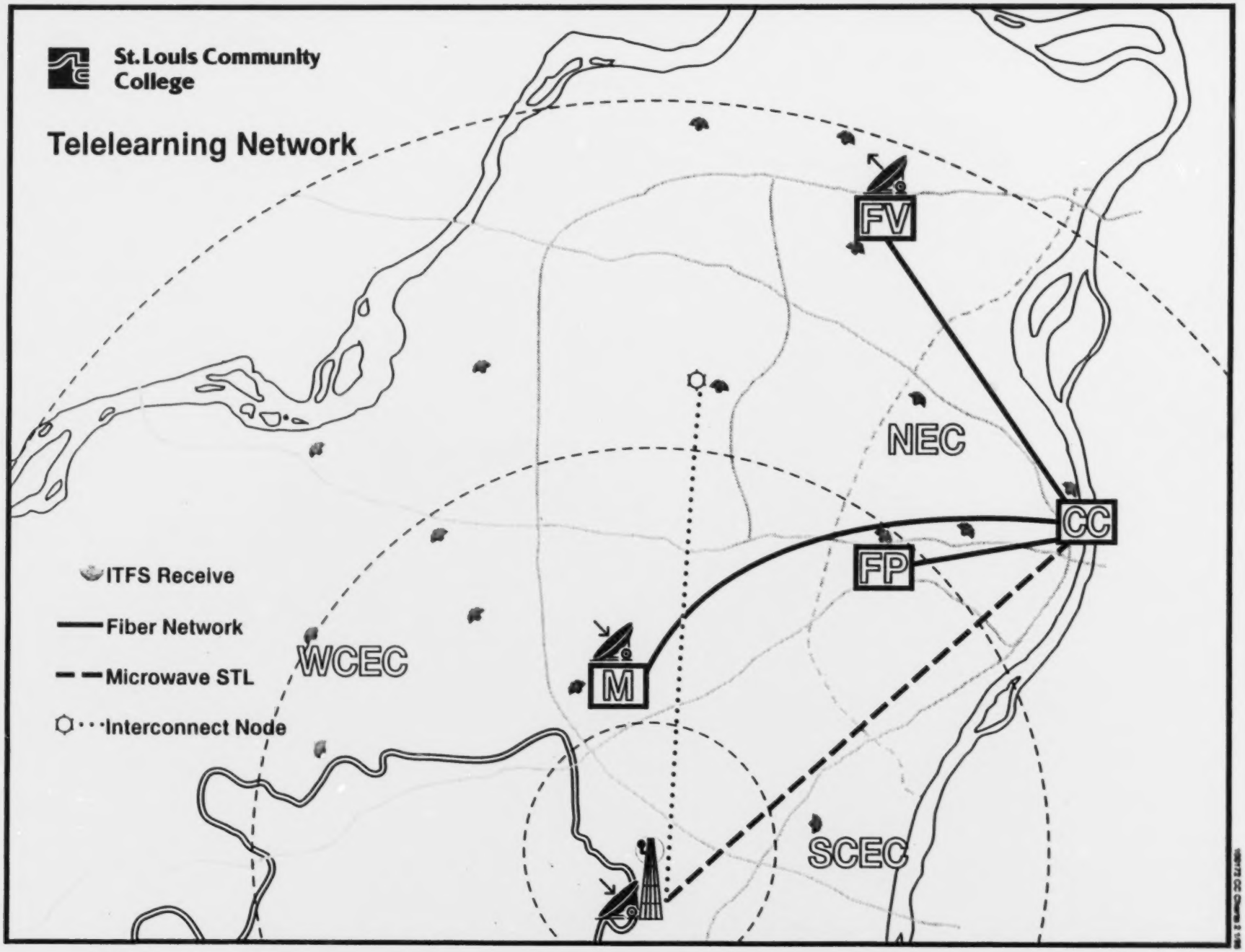
The College also offers classes at multiple campus locations via the fiber optic network. The instructor teaches the class on one of our campuses while students participant in a fully (audio and video) interactive mode at other locations.

Higher Education Channel

This year the College began to offer classes to targeted audiences via the Higher Education Channel. Students participant in live classes, offered from any one of our four electronic classrooms, using the telephone for the live audio interactivity with the instructor.

Satellite Programming

St. Louis Community College is currently in the process of planning regional, national and international teleconferences via our KU band satellite uplink.


St. Louis Community College
Telelearning Network
FV
NEC
CC
FP
M
WCEC
SCEC
ITFS Receive
Fiber Network
Microwave STL
Interconnect Node

ST. LOUIS COMMUNITY COLLEGE

SPRING 1995 SEMESTER TELECLASSES

COURSE #	SECTION	TITLE/INSTRUCTOR	DAY/TIME	ORIGINATING LOCATION	CLASSROOM
ACC:202	100 FP 100 M	Intermediate Accounting II Ed Streiff	Wednesday 7:00-9:40 PM	Meramec	FP L-043 M Confluence
Section Note: *(This section is a teleclass that originates from Meramec with live interactive participation from students at Forest Park)*					
ANT:206	001 FV 001 FP 001 M	Archaeology of the Inca, Aztec, Maya Mike Fuller	MWF 10:00-10:50 AM	Florissant Valley	FV IR-127 FP L-043 M Confluence
Section Note: *(This section is a teleclass that originates from Florissant Valley with live interactive participation from students at Forest Park and Meramec.)*					
BIO:529	100 FP 100 M	Pathophysiology Jack Pennington Layne Van Brunt Virginia McDonald	Tuesday 5:30-8:20 PM	1st 5 weeks @ Meramec 2nd 11 weeks beginning Feb. 14 at Forest Park	FP L-041 M Confluence
Section Note: *(This section is a teleclass that originates from Meramec for the first 5 weeks and from Forest Park the second 11 weeks with live interactive participation from students at other locations.)*					
HMS:114	001 FP 001 M	Introduction to Developmental Disabilities Mary Ann Price	T/TH 12:30-1:45 PM	Forest Park	FP L-043 M Confluence
Section Note: *(This section is a teleclass that originates from Forest Park with live interactive participation from students at Florissant Valley and Meramec.)*					

ST. LOUIS COMMUNITY COLLEGE

SPRING 1995 SEMESTER TELECLASSES

COURSE #	SECTION	TITLE/INSTRUCTOR	DAY/TIME	ORIGINATING LOCATION	CLASSROOM
SOC:126	001 FV 001 FP 001 M	Psychodynamic Substances Vicky Aitken	T/TH 8:00-9:15 AM	Florissant Valley	FV IR-127 FP L-043 M Confluence
Section Note: *(This section is a teleclass that originates from Florissant Valley with live interactive participation from students at Forest Park and Meramec.)*					
SPA:102	FP-400 FV-548 M-600	Elementary Spanish II DESTINOS Graciela Bucshardt	Monday 6:00-7:00 PM	Meramec	M Confluence FV IR-127 FP L-041
Section Note: (*The lab for this section is a teleclass that originates from Meramec with live interactive participation from students at Forest Park and Florissant Valley.)*					

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March 29, 1995